

Calculating A Guest's Age



Current Date: May 17, 2022



Guest born on May 5, 2002

STEP 1

Add 20 to the guest's birth year.

$$\begin{array}{r} \mathbf{2002} \\ \text{Birth Year} \end{array} + \mathbf{20} = \begin{array}{r} \mathbf{2022} \\ \text{Year Total} \end{array}$$

STEP 2

Add 1 to year total.

$$\begin{array}{r} \mathbf{2022} \\ \text{Year Total} \end{array} + \mathbf{1} = \begin{array}{r} \mathbf{2023} \\ \text{Calculated Year} \end{array}$$

STEP 3

Compare the calculated year to the current year.

$$\begin{array}{r} \mathbf{2023} \\ \text{Calculated Year} \end{array} \text{ to } \begin{array}{r} \mathbf{2022} \\ \text{Current Year} \end{array}$$

IF

- the calculated year occurs **before** the current year **THEN** the guest is 21 years old or older.
- the calculated year occurs **after** the current year **THEN** the guest is underage.
- the calculated year **matches** the current year
AND the guest's birthday has passed **THEN** the guest is 21 years old.
- the calculated year **matches** the current year
AND the guest's birthday has not passed **THEN** the guest is underage.

NOTE: The guest above is underage.